

Applicant: EBERLE *et al.*  
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This listing of claims will replace all prior versions and listings of claims in the Application.

**LISTING OF CLAIMS:**

Claims 1-26. (cancelled)

27. (Currently Amended) A system for providing service output information to a subscriber of a service, comprising:

service subscription means for enabling at least one subscriber to subscribe to at least one service that can output personalized information, and for enabling the at least one subscriber to specify preferences for the content and presentation of service output information, as well as delivery parameters for receiving service output information, the delivery parameters including at least one device to which service output information is to be delivered, and delivery instructions based on a detected recipient;

service processing means for processing the least one service to generate service output information that is personalized for the at least one subscriber;

communication means for ~~establishing communication with~~ initiating an outbound telephone call to the at least one device;

detection means for detecting a recipient of the ~~communication~~ telephone call; and

delivery means for delivering service output information based on the recipient of the ~~communication~~ telephone call detected by the detection means and the delivery instructions.

28. (Previously Presented) The system of claim 27, wherein the at least one service is processed when a delivery condition has been met.

29. (Previously Presented) The system of claim 28, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

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30. **(Previously Presented)** The system of claim 28, wherein the delivery condition is specified by at least one of a subscriber, or an administrator.
31. **(Previously Presented)** The system of claim 27, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.
32. **(Previously Presented)** The system of claim 27, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.
33. **(Previously Presented)** The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device.
34. **(Previously Presented)** The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a person.
35. **(Previously Presented)** The system of claim 34, wherein the person is queried for validation information.
36. **(Previously Presented)** The system of claim 35, further comprising means for receiving validation information provided by at least one of voice input, or keypad input.
37. **(Previously Presented)** The system of claim 27, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a machine.

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38. **(Previously Presented)** The system of claim 37, wherein the machine comprises at least one of an answering machine, facsimile machine, or modem.

39. **(cancelled)**

40. **(Previously Presented)** The system of claim 27, wherein the delivery instructions enable the content of the service output information to be differentiated according to whether the detected recipient comprises a person or a machine.

41. **(Previously Presented)** The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is reduced from the content of the service output information to be provided when the detected recipient comprises a person.

42. **(Previously Presented)** The system of claim 40, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.

43. **(Currently Amended)** The system of claim 27, wherein the communication means comprises a call server for ~~establishing communication with~~ initiating the outbound telephone call to the at least one device ~~by initiating a telephone call~~.

44. **(Previously Presented)** The system of claim 43, wherein the detection means comprises a detection module, the detection module sensing a state of a call pickup sequence of the telephone call.

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45. **(Previously Presented)** The system of claim 44, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient and the delivery instructions for the detected recipient.

46. **(Previously Presented)** The system of claim 45, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.

47. **(Previously Presented)** The system of claim 46, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.

48. **(Previously Presented)** The system of claim 47, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.

49. **(Previously Presented)** The system of claim 45, further comprising an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient and the delivery instructions for the detected recipient.

50. **(Previously Presented)** The system of claim 49, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.

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51. **(Previously Presented)** The system of claim 49, wherein the telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.

52-53. **(cancelled)**

54. **(Currently Amended)** A method for providing service output information to a subscriber of a service, comprising:

receiving enabling from at least one subscriber, during a subscription registration process, to subscribe to at least one service that can output personalized information, and to specify preferences for the content and presentation of service output information from at least one service that can output personalized information, as well as delivery parameters for receiving service output information, the delivery parameters including at least one device to which service output information is to be delivered, and delivery instructions based on a detected recipient;

processing the at least one service to generate service output information that is personalized for the at least one subscriber;

initiating establishing communication with an outbound telephone call to the at least one device;

detecting a recipient of the ~~communication~~ telephone call; and

delivering service output information based on the detected recipient of the ~~communication~~ telephone call and the delivery instructions.

55. **(Previously Presented)** The method of claim 54, wherein the at least one service is processed when a delivery condition has been met.

56. **(Previously Presented)** The method of claim 55, wherein the delivery condition comprises at least one of a predetermined schedule, or a triggering event.

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57. **(Previously Presented)** The method of claim 55, wherein the delivery condition is specified by at least one of a subscriber, or an administrator.
58. **(Previously Presented)** The method of claim 54, wherein the service output information comprises information derived from an on-line analytical processing (OLAP) system.
59. **(Previously Presented)** The method of claim 54, wherein the service output information comprises at least one of static text messages, dynamic content, blended content, sound clips, music, or advertisements.
60. **(Previously Presented)** The method of claim 54, wherein the at least one device comprises a voice-enabled terminal device.
61. **(Previously Presented)** The method of claim 54, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a person.
62. **(Previously Presented)** The method of claim 61, further comprising querying the person for validation information.
63. **(Previously Presented)** The method of claim 62, further comprising receiving validation information provided by at least one of voice input, or keypad input.
64. **(Previously Presented)** The method of claim 54, wherein the at least one device comprises a voice-enabled terminal device, and the detected recipient comprises a machine.

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65. **(Previously Presented)** The method of claim 64, wherein the machine comprises at least one of an answering machine, facsimile machine, or modem.

66. **(cancelled)**

67. **(Previously Presented)** The method of claim 54, wherein the delivery instructions enable the content of the service output information to be differentiated according to whether the detected recipient comprises a person or a machine.

68. **(Previously Presented)** The method of claim 67, wherein the content of the service output information to be provided when the detected recipient comprises a machine is reduced from the content of the service output information to be provided when the detected recipient comprises a person.

69. **(Previously Presented)** The method of claim 67, wherein the content of the service output information to be provided when the detected recipient comprises a machine is a message indicating that service output information intended for the at least one subscriber is available.

70. **(Currently Amended)** The method of claim 54, wherein ~~establishing communication further comprises a call server initiating a~~ initiates the outbound telephone call ~~with to the~~ at least one device.

71. **(Previously Presented)** The method of claim 70, wherein detecting a recipient further comprises a detection module sensing a state of a call pickup sequence of the telephone call.

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72. **(Previously Presented)** The method of claim 71, wherein the state of a call pickup sequence comprises a plurality of possible states, and each of the possible states of the call pickup sequence is associated with a detected recipient and the delivery instructions for the detected recipient.

73. **(Previously Presented)** The method of claim 72, wherein the detection module further comprises a tone detection module, and each tone detected by the tone detection module is associated with at least one of the plurality of possible states.

74. **(Previously Presented)** The method of claim 73, wherein the tone detection module senses at least one of an answering machine tone, a facsimile machine tone, or a modem tone.

75. **(Previously Presented)** The method of claim 74, wherein the state of the call pickup sequence comprises at least one of receipt by a person, receipt by an answering machine, receipt by a facsimile machine, or receipt by a modem.

76. **(Previously Presented)** The method of claim 72, further comprising:  
providing an interface to an authorization database, the authorization database storing entries associating each of the plurality of possible states with the corresponding detected recipient and the delivery instructions for the detected recipient.

77. **(Previously Presented)** The method of claim 76, wherein the association between the plurality of possible states and the corresponding detected recipients can be altered by at least one of an administrator, or a subscriber.



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78. **(Previously Presented)** The method of claim 76, wherein the telephone call is aborted when the state of the call pickup sequence does not meet at least a minimum authorization criterion stored in the authorization database.